Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 21 Jul 2022 until 23:59 on Friday 22 Jul 2022

Forecast Issued on Thursday 21 Jul 2022 at 00:11

Confidence: High for conditions being much less warm than of late for Thursday and Friday. High for more unsettled conditions arriving through the second half of the weekend but some uncertainty in timings.

Headline for Thursday 21 Jul 2022: Cloudy with outbreaks of drizzle. Drier later with a risk of showers.

Mountain weather hazards on Thursday 21 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Cloudy	Light rain showers	Light rain showers	Light rain showers (night)
Precipitation probability					
40%	30%	20%	30%	20%	20%

Forecast for Thursday 21 Jul 2022

Weather: Cloudy at first with outbreaks of mostly light rain or drizzle. Remaining mostly cloudy but becoming drier through the morning. Still mostly cloudy through the afternoon, but with some brief brighter spells possible, and a few showers.

Chance of cloud-free hill tops above 600m: 30%, becoming 80% in afternoon.

Low cloud and visibility: Mainly poor or very poor initially, with drizzle and cloud down to 300-400m, and nearby landmarks often obscured. Becoming generally good with distant hills mostly visible by mid-morning as cloud bases lift near or just above the summits. A chance of local reductions in showers during the afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 21 Jul 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 W	5/7 NW	5/8 SW	6/9 N	9/13 NE	12/18 E	13/20 E
300	6/9 W	5/7 W	6/8 NW	5/7 W	6/9 NW	9/15 E	8/15 E
Valley	5/8 W	2/4 W	4/7 W	3/6 W	5/10 N	8/16 E	9/17 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	12/12	13/13	14/14	14/13	13/10	12/9
300	14/13	14/14	16/15	17/17	17/17	15/14	14/13
Valley	15/14	15/15	17/16	18/18	18/17	16/15	15/14
Freezing Level*	2500m	2500m	2500m	2600m	2700m	2600m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigation equipment necessary in the morning. Feeling cool in comparison to recent days on the tops, especially in any low cloud. Moderate UV levels are possible in any limited afternoon cloud breaks, however.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 21 Jul 2022	0.2mm	0.2mm	0.2mm

Forecast for Friday 22 Jul 2022

Weather: Mostly cloudy to start, with further light to moderate rain possible, perhaps giving a longer spell of rain during the morning. A few showers possible during the afternoon, perhaps heavy for a time.

Maximum wind: Southeast 10-15mph.

Chance of cloud-free hill tops above 600m: 40% becoming 90%.

Low cloud and visibility: Occasionally poor or very poor initially, with rain and areas of cloud down to 400-500m, and nearby landmarks sometimes obscured. Becoming generally good with distant hills mostly visible by mid-morning as cloud bases lift. A chance of local reductions in showers during the afternoon and evening.

Temperature: **Valleys:** Plus 13C rising to 18C.
At 600m: Plus 11C.
Freezing level: Above summits.

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